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00305646.2-2307-

Anmelder/Applicant/Demandeur/Inventor/Inventeur

Shikoku Kakoki Co., Ltd.

## COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

☒ Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

The following specifications given by the applicant have been approved by the Search Division:

☒ abstract

☒ title

☐ The abstract was modified by the Search Division and the definitive text is attached to this communication.

The following figure will be published together with the abstract:

11

## REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.





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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 11 November 2002	Examiner Cordenier, J
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1

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## ABSTRACT / ZUSAMMENFASSUNG / ABREGE

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To provide an ultrasonic sealing apparatus by which it is possible to prevent a sealing failure owing to the tunnel (through passage) seldom occurring in the step portions in the vicinity of the both end portions of the longitudinally sealed portions, when the tubular laminated packaging material is transversely ultrasonic sealed. An ultrasonic sealing apparatus, in which a laminated packaging material containing a thermoplastic resin layer and a paper layer is formed into a tubular form and the tubular laminated packaging material is transversely ultrasonic sealed, comprising a horn (17) having an elongated and flat sealing face and an opposing jaw (21,22) having an elongated action face (23) pressing the laminated packaging material in cooperation with the sealing face of the horn (17), and the center portion in longitudinal direction of an action face of the opposing jaw on the action face narrower than both end portions is found. Further, at a center portion in longitudinal direction of an action face of the opposing jaw, a recess (25) having an arc shape, etc. in section is formed along a direction perpendicular to the longitudinal direction of the action face.